

NIPSCO

2002 Summer Capacity Survey Presentation

May 10, 2002 @ IURC



A AESource Company

NIPSCO's Key Messages

- Introduction & Acknowledgement
- Preparedness for Summer
 - Supply, Transmission, & Distribution
- Environmental Quality
- Interruptible Customers
- DG White Paper Process
- Capacity Responses (Mr. Frank Venhuizen)
 - Demand Forecast
 - Transmission System
- Outage and End-Use Customer Responses (Mr. Jim Hallar)
 - Distribution Improvements
 - Outage Communication
- Thank you...

ECAR/NIPSCO

Summer Assessment

June - August, 2002

Frank Venhuizen

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ECAR/NIPSCO Summer Assessment

June - August, 2002

Demand Forecast (MW)

	ECAR			NIPSCO		
	<u>June</u>	<u>July</u>	<u>August</u>	<u>June</u>	<u>July</u>	<u>August</u>
2002 Projected Internal Peak	92,524	99,346	98,780	2,693	2,863	2,846
2001 Projected Internal Peak	94,983	102,161	101,853	2,769	2,902	2,829
2001 Actual Internal Peak	91,750	97,600	100,700	2,779	2,931	2,998

ECAR/NIPSCO Summer Assessment

June - August, 2002

Available Resources (MW)

	ECAR			NIPSCO		
	<u>June</u>	<u>July</u>	<u>August</u>	<u>June</u>	<u>July</u>	<u>August</u>
Net Seasonal Capability	120,010	120,382	120,360	2,890	2,890	2,890
Scheduled Maint. & Random Outages	(5,080)	(3,991)	(3,931)	(90)	(90)	(90)
Scheduled Purchases	<u>3,377</u>	<u>3,670</u>	<u>3,618</u>	<u>350</u>	<u>400</u>	<u>350</u>
Net Available Resources	118,307	120,061	120,047	3,150	3,200	3,150

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Capacity Commitment (MW)

	ECAR			NIPSCO		
	<u>June</u>	<u>July</u>	<u>August</u>	<u>June</u>	<u>July</u>	<u>August</u>
Total Internal Demand	92,524	99,346	98,780	2,693	2,863	2,846
Operating Reserve Requirement	3,701	3,974	3,951	108	115	114
Scheduled Sales	<u>1,057</u>	<u>1,057</u>	<u>1,057</u>	<u>115</u>	<u>115</u>	<u>114</u>
Total Capacity Commitment	97,282	104,377	103,788	2,916	3,093	3,074

ECAR/NIPSCO Summer Assessment

June - August, 2002

Reserve Margins (MW)

	<u>ECAR (Serving Interruptibles)</u>			<u>ECAR (Not Serving Interruptibles)</u>		
	<u>June</u>	<u>July</u>	<u>August</u>	<u>June</u>	<u>July</u>	<u>August</u>
Net Available Resources	118,307	120,061	120,047	118,307	120,061	120,047
Total Obligations	97,282	104,377	103,788	94,137	101,483	100,901
Available Margins						
MW	21,025	15,684	16,259	24,170	18,578	19,146
%	17.8	13.1	13.5	20.4	15.5	15.9

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Reserve Margins (MW)

	<u>NIPSCO (Serving Interruptibles)</u>			<u>NIPSCO (Not Serving Interruptibles)</u>		
	<u>June</u>	<u>July</u>	<u>August</u>	<u>June</u>	<u>July</u>	<u>August</u>
Net Available Resources	3,150	3,200	3,150	3,150	3,200	3,150
Total Obligations	2,916	3,093	3,074	2,476	2,653	2,634
Available Margins						
MW	235	108	77	675	548	517
%	7.4	3.4	2.4	21.4	17.1	16.4

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Transmission System

- ◆ Internal Single Contingency Analysis Indicates that there will be no Overloaded Equipment or Low Voltage to NIPSCO Customers
- ◆ Potential Overload of Reynolds Transformer due to Outages on AEP and Cinergy Systems can Temporarily be Eliminated through use of an Operating Procedure

ECAR/NIPSCO Summer Assessment

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Summary

- ◆ Internal generation plus purchases will be adequate to meet projected load requirements
- ◆ Transmission system is adequate to supply internal load requirements under all single contingency cases
- ◆ Emergency procedures corresponding to NERC guidelines for responding to TLR requests from areas outside NIPSCO are in place

Summary of Outage Initiatives and Communication Efforts

Jim Hallar

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Outage Initiatives and Communication Efforts -2001 Improvements-

138 KV System Improvements

Plymouth to Stillwell

Flint Lake to Tower Road

69 KV System Improvements

Cinergy Intertie

Steuben County Improvements

Outage Initiatives and Communication Efforts -2002 Improvements-

- Liberty Park
- Middlebury 69 KV
- Portage Distribution Automation
- Area Serviceman/Construction Lineman
- Contractors/Mutual Assistance

Outage Initiatives and Communication Efforts

-Outage Tracking and Procedures-

- NIPSCO Outage Restoration System
- Field Inventory
- Distribution Automation

Outage Initiatives and Communication Efforts -Communication Programs-

- Pro Active Media Contacts
- Pre-scheduled Media Updates
- Emergency Responders
- Bill Inserts
- March Tour